PRODUCT DATASHEET
DL SLIM DN 155 12 W 4000 K WT

DOWNLIGHT SLIM ROUND | Flat downlights with integrated driver, round shape

Areas of application

- Direct replacement for luminaires with compact fluorescent lamps
- General illumination
- Public areas
- Stairways
- Corridors
- Foyers
- Shops

Product benefits

- Very slim housing
- Low installation depth
- High luminous efficacy
- Energy savings up to 60 % (compared to luminaires that use CFL lamps)
- Very homogenous light
- Functional design
- Easy installation with fast connection
- Simple installation thanks to integrated driver

Product features

- Small visible bezel
- Connector box with push wire terminal for tool-free connection

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– Light guide made of non-yellowing PMMA for long lifetime

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TECHNICAL DATA

Electrical data

Nominal wattage	12.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	71.7 mA
Inrush current	15.6 A
Inrush current time T_{h50}	50 µs
Max. number of luminaires per miniature circuit breaker B16	48
Max. number of luminaires per miniature circuit breaker C10	38
Max. number of luminaires per miniature circuit breaker C16	61
Power factor λ	0.50
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	1020 lm
Luminous efficacy	85 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °

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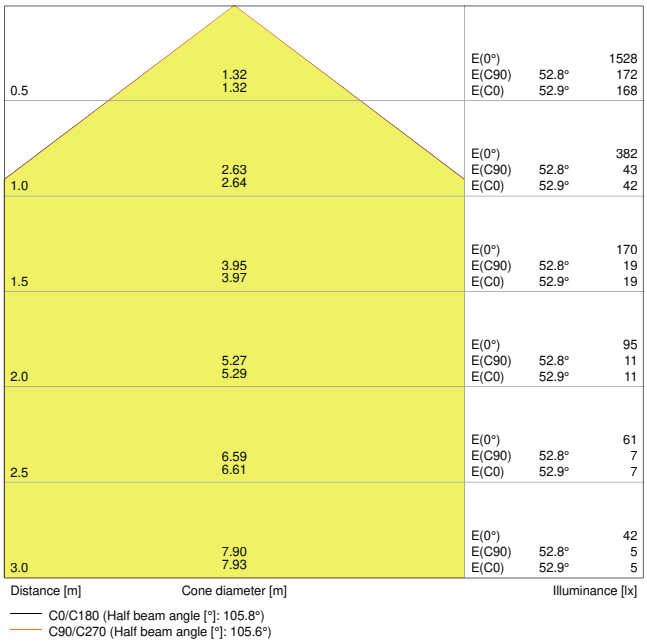

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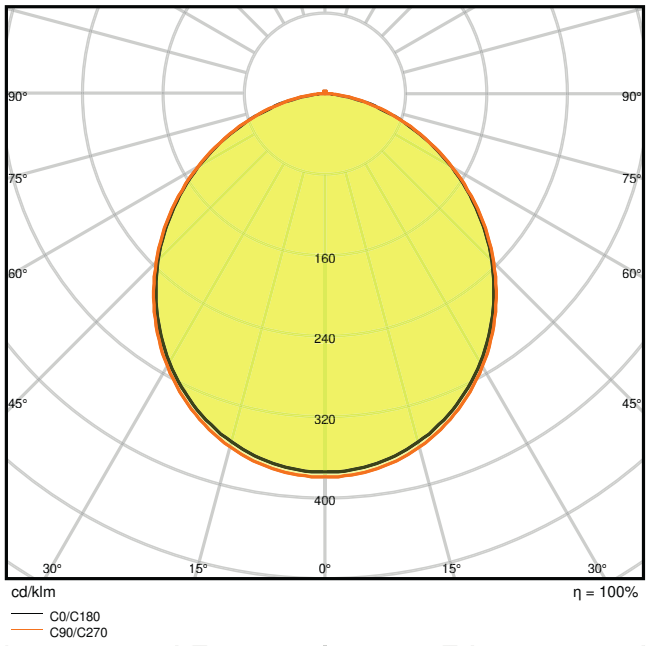

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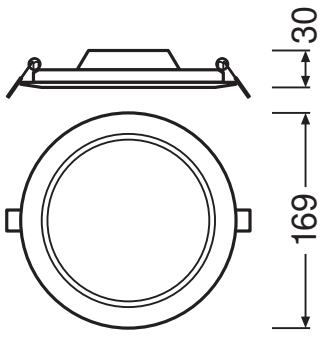
Dimensions & Weight

Diameter	169.00 mm
Height	30.00 mm
Product weight	272.00 g



DL Slim DN155 12W

Materials & Colors

Product color	White

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Housing color	White
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20…+50 °C
Temperature range at storage	-30…+70 °C
Type of connection	Screwless terminal, 2-Pole
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	155,0 mm
Mounting depth	50,0 mm
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h [1)]
Lifespan L80/B10 at 25 °C	20000 h [1)]
Lifespan L80/B50 at 25 °C	20000 h
Lifespan L90/B10 at 25 °C	12000 h
Number of switching cycles	50000

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

Output current	180 mA
ECG - Output ripple current	< 6.5 %

Certificates & Standards

Standards	CE / CB / EAC

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Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

Additional product data

Number of illuminants	Not relevant

Accessories Optional

Product image	Product name	EAN
	DL SLIM FRAME DN 155 WT	4058075079175

EQUIPMENT / ACCESSORIES

- Surface mounting frames available as accessories

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- The luminaires are not suitable for covering with thermally insulated material.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Extended installation guide	User Instruction Downlight LED Slim
PDF	On-Pack-Info	Legal Insert Downlight Slim
PDF	Legal information	LSI DL SLIM
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Declarations of conformity	CE Certificate downlight Slim

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	Documents and certificates	Document name
PDF	Declarations of conformity UKCA	DL SLIM WT IP20

	Photometric and lighting design files	Document name
IES	IES file (IES)	DL SLIM DN155 12W 4000K WT IP20
LDT	LDT file (Eulumdat)	DL SLIM DN155 12W 4000K WT IP20
ULD	ULD file (DIALux)	DOWNLIGHTSLIMROUND15512W4000KWT
ROLF	ROLF file (RELUX)	DL SLIM DN155 12W-4000K
	UGR file (UGR table)	4058075052307 DL SLIM DN155 12W 4000K WT IP20
	Light distribution curve type cone	4058075052307 DL SLIM DN155 12W 4000K WT IP20
	Light distribution curve type polar	4058075052307 DL SLIM DN155 12W 4000K WT IP20

	CAD/BIM files	Document name
RFA	BIM Revit 3D	Downlight Slim Round
STEP	CAD STEP 3D	DL SLIM DN 155

	Tender texts	Document name
TXT	Tender documents	DOWNLIGHT SLIM ROUND 155 12 W 4000 K WT-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075079052	Folding box 1	45 mm x 195 mm x 175 mm	323.00 g	1.54 dm^3
4058075079069	Shipping box 6	290 mm x 205 mm x 195 mm	2158.00 g	11.59 dm^3

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION

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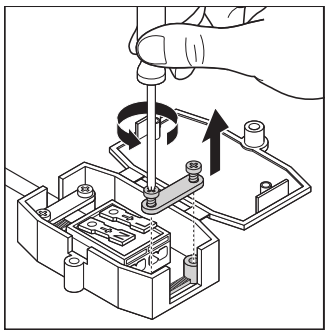

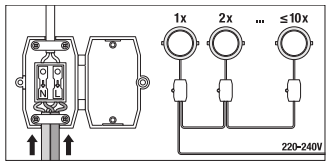

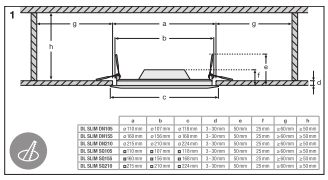

References / Links

– For Guarantee see www.ledvance.com/guarantee

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